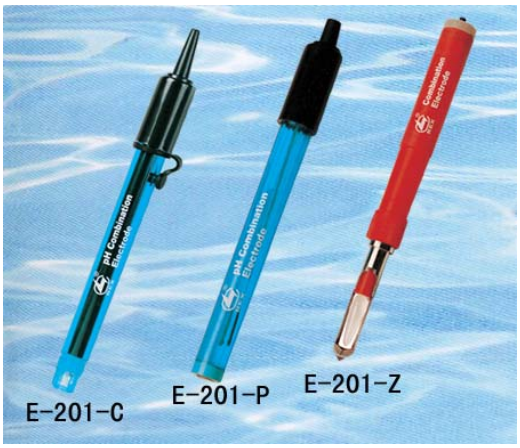
Electrode

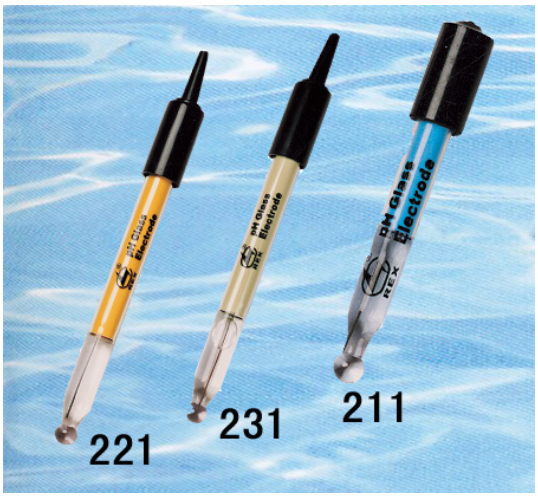
1. PH Plastic Combined Electrode



Type	E-201-C	E-201	**E-301-C**
Measuring range	0-14PH	0-14PH	0-14PH
Temperature of measured solution	5-60℃	5-60℃	5-60℃
Solution boundary(material)	Fabric	Polyformaldehyde	Fabric
Outside dimension(mm)	Ø 12x120	Ø 12x120	Ø 12x120
Plug	BNC	BNC	Q9/Q6
Out reference solution(KCL solution)	Rechargeable	Sealed	Rechargeable
Characteristic: stable, collision-resisting, protect cover of bulb is disassembled for easy cleaning. And the model E-301C electrode can also be used to measure the temperature of solution.			

2. PH Glass Combined Electrode

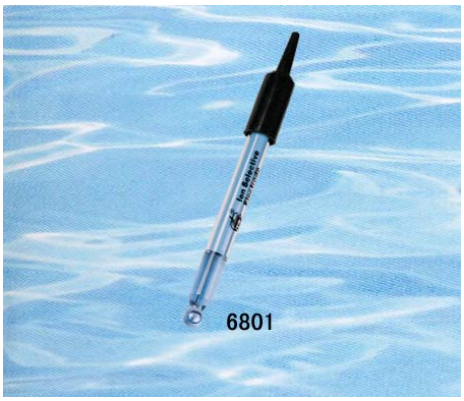
Type	**65-1C**
Measuring range	0-14
Temperature of measured solution	5-60℃
Solution boundary(material)	Ceramic
Outside dimension(mm)	Ø 12x120
Plug	BNC
Out reference solution	KCL solution(rechargeable or sealed)
Zero point pH	7



Type	231(01)
Measuring range	0-14
Temperature of measured solution	5-60℃
Outside dimension(mm)	Ø 12x120
Plug	BNC
Characteristic	should be used together with suitable reference electrode, can be used in laboratory

3. Sodium Electrode

Match above electrode with suitable reference electrode to form measuring battery of sodium meter to measure the consistence of sodium in water.



Type	6801(01)
Measuring range	23g/L-23ug/L
Temperature of measured solution	(20-40)℃
Zero potential(pNa value)	2±1
Outside dimension(mm)	12x120
Plug	BNC
Accessory instrument	DWS-51(digital)

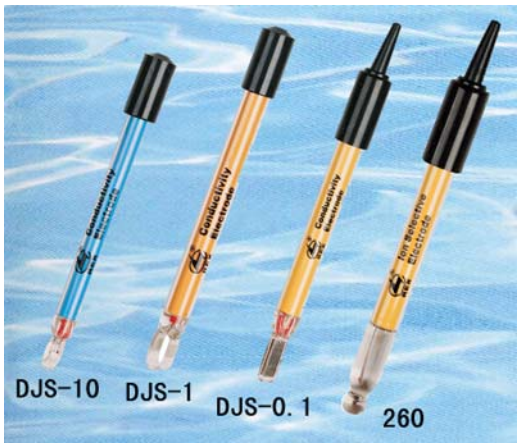
4. Reference Electrode

The electrode group formed with pH glass electrode, ion select electrode and metal electrode can be used to measure pH value, ion concentration and potential titration analysis.

Type	222	232	217	6802	218	C(K_2SO_4)-1
Construction	Calomel	Calomel	Calomel	Calomel	Ag/AgCl	Hg/ Hg_2SO_4

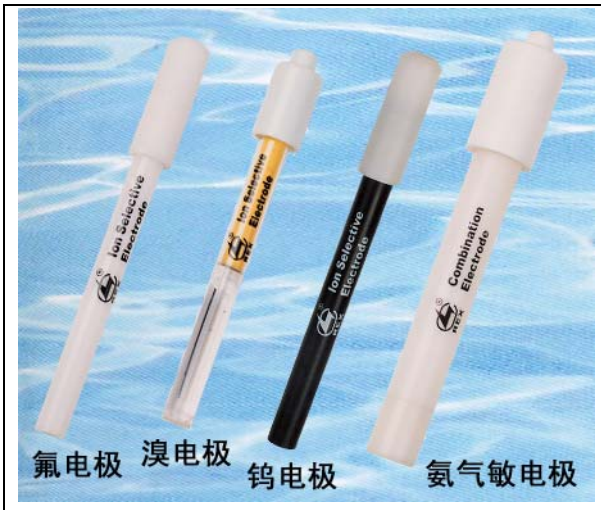
Potential allowable error(mV)	±3					
Characteristic	Single salt bridge Ceramic film	Single salt bridge Ceramic film	Double salt bridge Ceramic film	Single salt bridge Ceramic film	Single salt bridge Ceramic film	Single salt bridge Ceramic film

5. Conductivity Electrode



Type	**DJS-1C(black)/DJS-1C**	**DJS-1(black)/DJS-1**	**DJS-0.1**	**DJS-10C**	**DJS-5**
Cell constant(cm^{-1})	1	**1**	0.1	10	5
Outside dimension(mm)	Ø8.5x120	Ø 8.5x100	Ø 12x120	Ø 8.5x120	Ø 12x100
Plug	three-leg plug	long plug	long plug or three-leg plug	three-leg plug	three-leg plug
Apply range	Platinum black electrode can prevent polarization validly in measuring solution with high conductivity ultra pure water	Used to measure the conductivity of solution or for conductance titration	Used for conductance measuring for pure water	Used for electrolyte solution with high conductivity(such as: acid, alkali, industrial waste water and Sea water, etc…)	

6. Ion Electrode



Laboratory ion electrode

Ion select electrode is the measuring unit of ion meter or pH meter. When composed with suitable reference electrode to measuring electrode group, it can be used to measure relative ion concentration of water solution and is widely used in the field of chemical, geology, ocean, soil, medicine and environmental protection.

Name	**sensitive membrane type**	**range(mol/L)**	**inner resistance**(MΩ)	**solution temp.**	**dimension(mm)**
pF-1 electrode	single crystal membrane	10^{-1} – 10^{-6}	<1	5-45℃	Ø 10x120
pNH_3-1 electrode	glass/membrane	10^{-1} – $5x10^{-6}$	<1000	5-45℃	Ø 10x120
pK-1 electrode	PVC membrane	10^{-1} – 10^{-5}	≦50	5-60℃	Ø 10x120
pCa-1 electrode	PVC membrane	10^{-1} – 10^{-5}	≦50	5-60℃	Ø 10x120
pNO_3-1electrode	PVC membrane	10^{-1} – 10^{-5}	≦50	5-60℃	Ø 10x120
pBF_4-1electrode	PVC membrane	10^{-1} – $3x10^{-6}$	≦50	5-60℃	Ø 10x120
$pClO_4$-1electrode	PVC membrane	10^{-1} – $5x10^{-6}$	≦50	5-60℃	Ø 10x120
pCl-1 electrode	salt membrane	10^{-1} – $5x10^{-5}$	<1	5-60℃	Ø 10x120
pBr-1 electrode	salt membrane	10^{-1} – $5x10^{-6}$	<0.5	5-60℃	Ø 10x120
pI-1 electrode	salt membrane	10^{-1} – $5x10^{-7}$	<0.5	5-60℃	Ø 10x120
pCN-1 electrode	salt membrane	10^{-2} – 10^{-6}	<30	5-60℃	Ø 10x120
pAg/S-1 electrode	salt membrane	10^{-1} – $3x10^{-7}$	<0.05	5-60℃	Ø 10x120

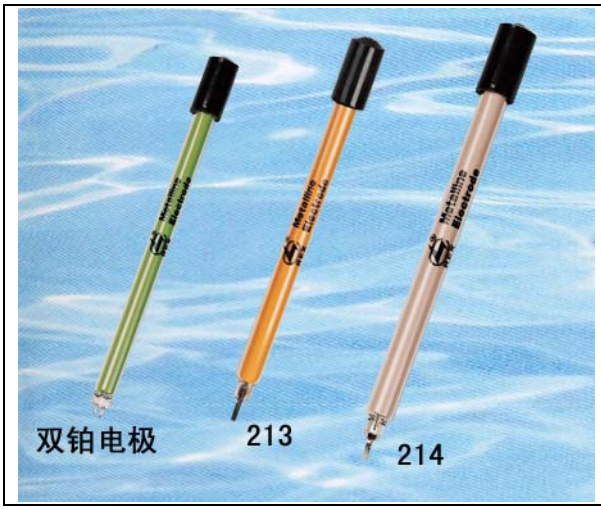
pPb-1 electrode	salt membrane	10^{-1} – $5x10^{-7}$	<0.5	5-60℃	Ø 10x120
pCu-1 electrode	salt membrane		<0.5	5-60℃	Ø 10x120
Note: the concentration range of pAg/S-1 electrode measured solution is only corresponded to Ag+.					

7. D.O. Electrode

Type	DO-952
Electrode type	polarography/membrane
Measuring range(mg/L)	0.0-19.9
Remnant electric current	0.2
Temperature of measured solution	5-40℃
Response time (s)	30
Accessory instrument	JPB-607/SJG-203A
Characteristic	stable, small volume, easy to maintain and easy to use.

8. ORP electrode

9. Metal Electrode



Metal Electrode

Match with correspondence reference electrode to form measuring electrode group which is mainly used in titration analysis of oxidation-reduction and sediment

name	**platinum electrode**	**antimony electrode**	**tungsten electrode**	**silver electrode**	**double platinum electrode**
type	213	214	215	216	
Temperature of measured solution	0-50℃	0-50℃	0-50℃	0-50℃	5-70℃
Response part dimension(mm)	6x2x0.15	3x12	2x18	2x12	1x7 (two piecr)
Plug	Q9	Q9	Q9	Q9	cross head welding slice
Outside dimension(DxLmm)	9x120	9x120	9x120	9x120	9x120

10. Temperature electrode